

Title (en)

METHOD FOR PRODUCING PURE TRISILYLAMINE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON REINEM TRISILYLAMIN

Title (fr)

PROCÉDÉ DE FABRICATION DE TRISYLAMINE PURE

Publication

**EP 3116637 B1 20180404 (DE)**

Application

**EP 15705531 A 20150205**

Priority

- DE 102014204785 A 20140314
- EP 2015052397 W 20150205

Abstract (en)

[origin: US2015259206A1] A process for producing trisilylamine in the liquid phase by charging monochlorosilane in the liquid state in a solvent at elevated temperature, and reacting the monochlorosilane with NH<sub>3</sub> in a stoichiometric excess is provided. Additionally provided is a production unit for carrying out the process.

IPC 8 full level

**C01B 21/087** (2006.01); **C07F 7/10** (2006.01); **C08G 77/62** (2006.01)

CPC (source: EP KR US)

**C01B 21/068** (2013.01 - KR); **C01B 21/087** (2013.01 - EP US); **C07F 7/10** (2013.01 - EP US); **C08G 77/62** (2013.01 - KR); **B01J 2219/00006** (2013.01 - EP KR US); **C01P 2006/80** (2013.01 - KR); **C08G 77/62** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**DE 102014204785 A 20140314**; CN 201580014427 A 20150205; EP 15705531 A 20150205; EP 2015052397 W 20150205; JP 2016557219 A 20150205; KR 20167028163 A 20150205; TW 104107757 A 20150311; US 201514658011 A 20150313